

App No.: Not Yet Assigned  
Inventor: Steven J. LOCKE and Devanand PINTO  
Docket No.: MDSGFS2  
Title: QUANTITATIVE ANALYSIS VIA ISOTOPICALLY  
DIFFERENTIATED DERIVATIZATION

Sheet 1 of 1

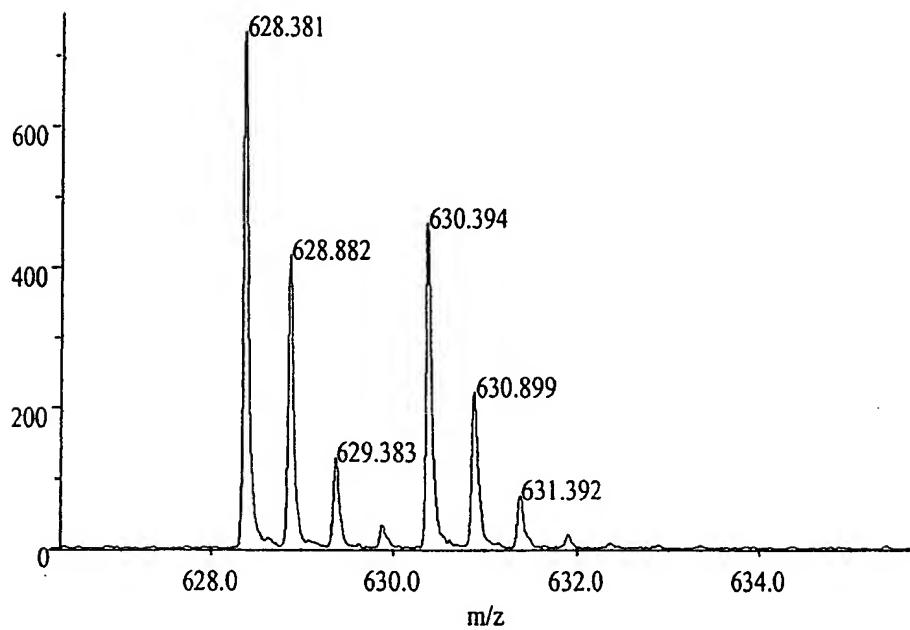


Figure 1

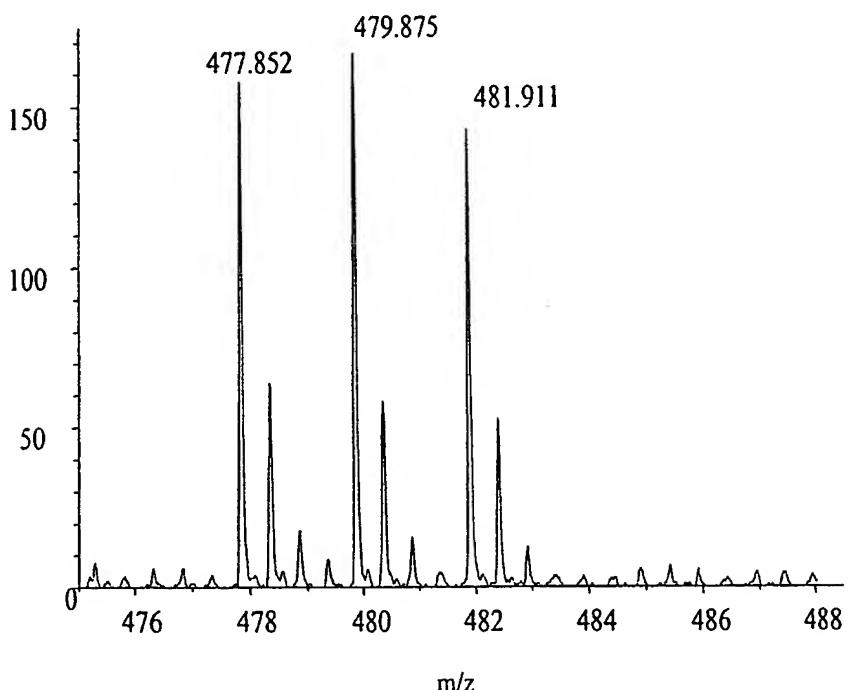


Figure 2

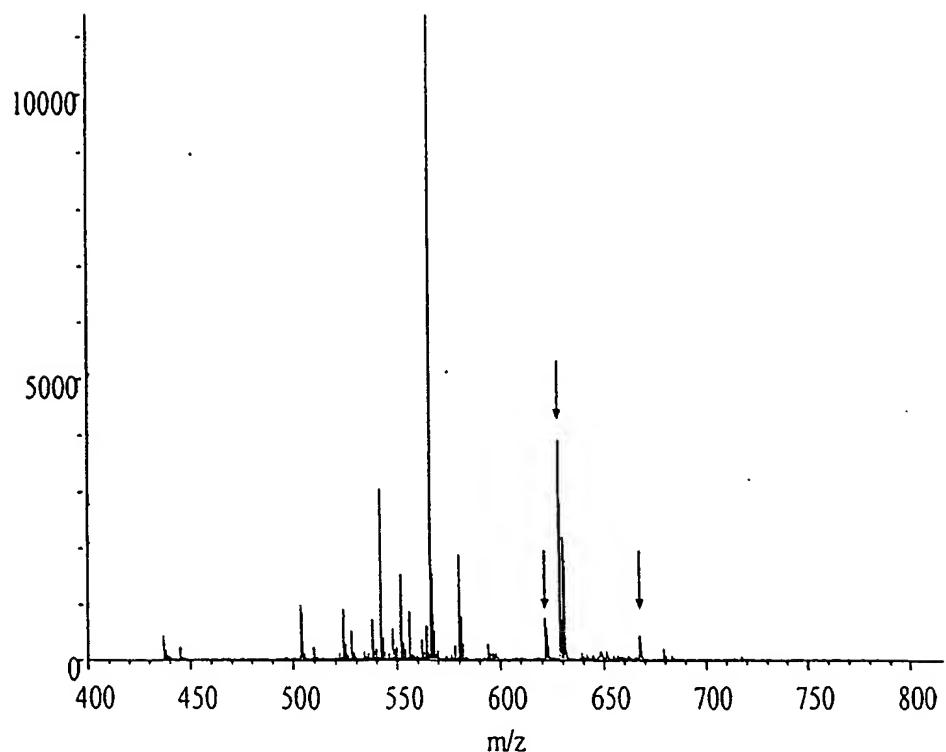
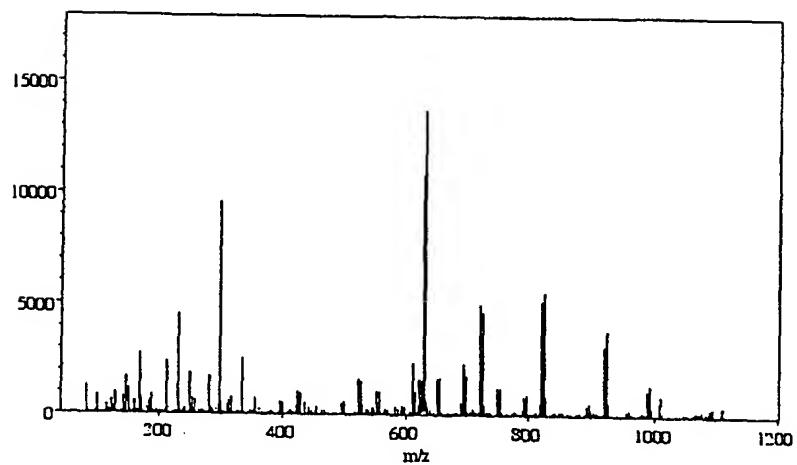


Figure 3

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A/V/E/G/P/K\*/L/N/V/S/T/Q

Figure 4

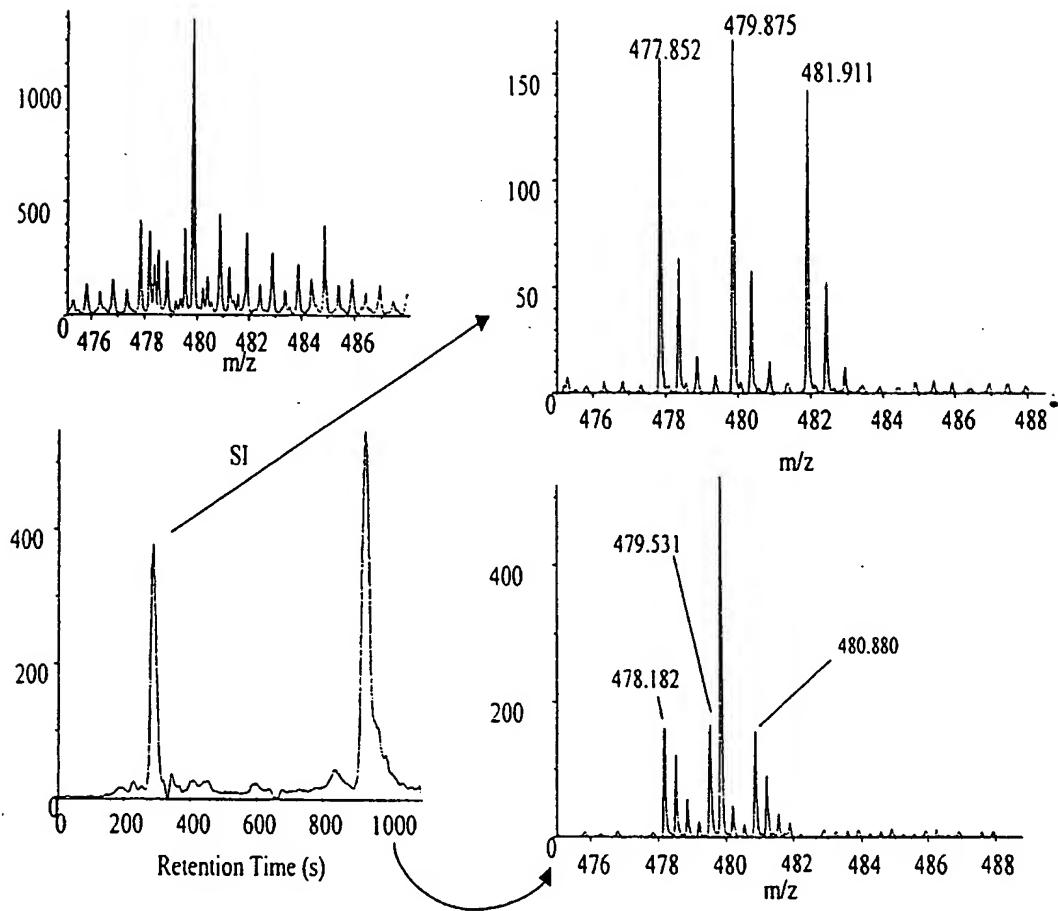


Figure 5

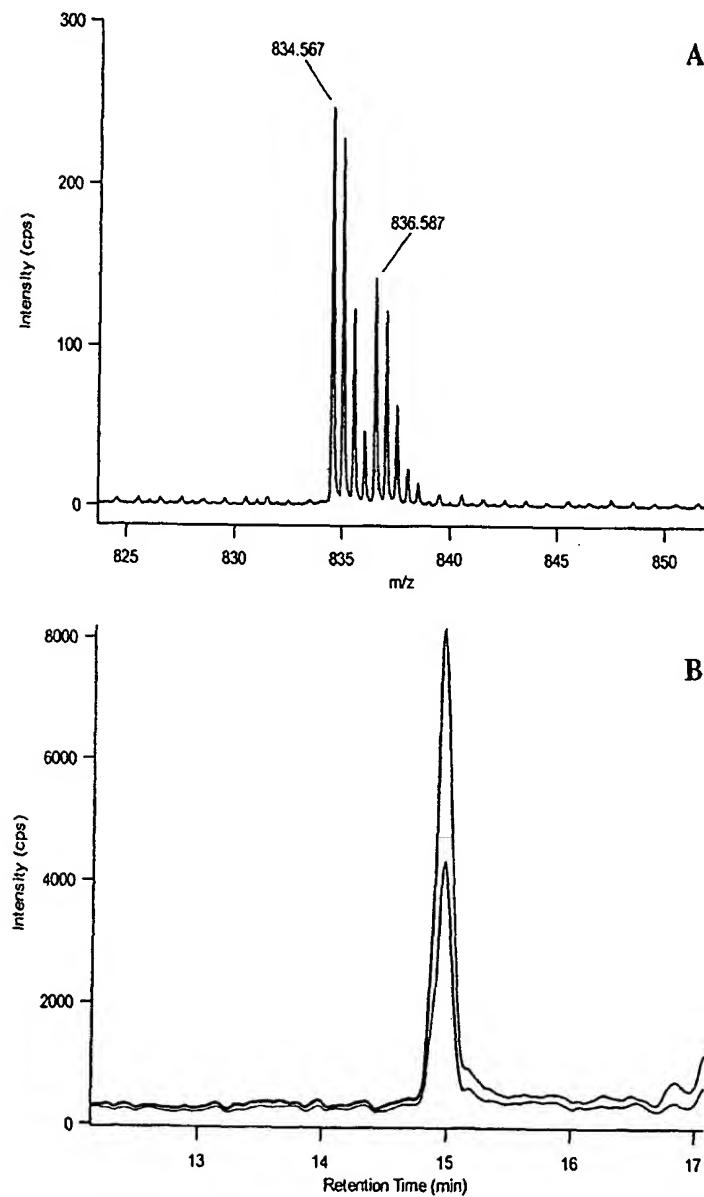


Figure 6

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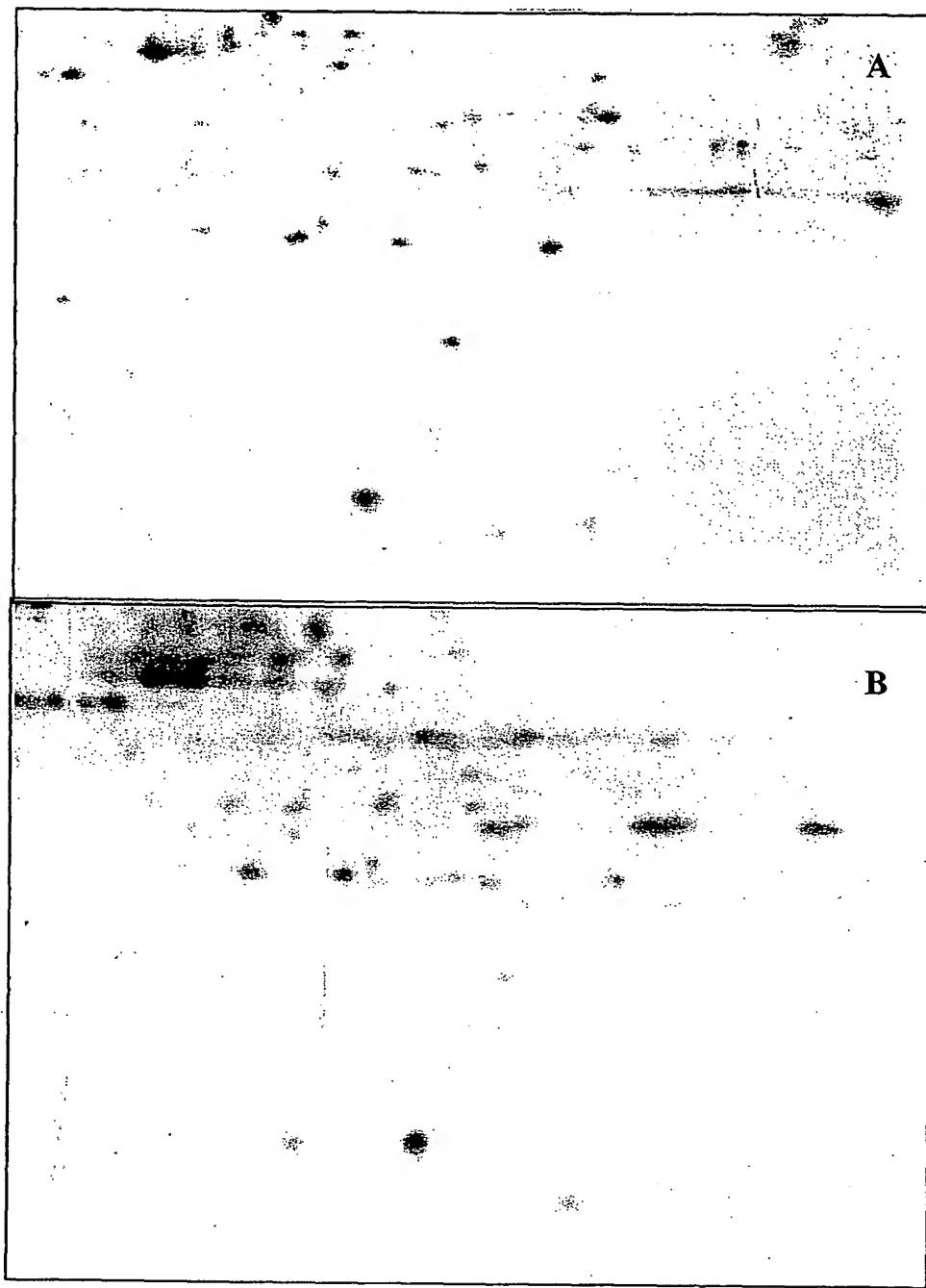
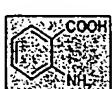


Figure 7



(1) 3-Aminopyridine



(2) Anthranilic acid



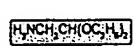
(3) 3-Aminophenol



(4) Benzylamine



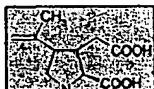
(5) 3-Aminothiophenol



(6) Aminoacetaldehyde  
diethyl acetal



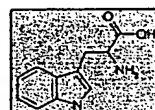
(7) Morpholine



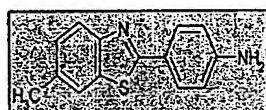
(8) Kainic acid



(9) Domoic acid



(10) Tryptophan



(11) 2-(4-Aminophenyl)-  
6-methylbenzothiazole  
(AMBT)



(12) 3-Amino-5-phenyl-  
pyrazole (APPY)

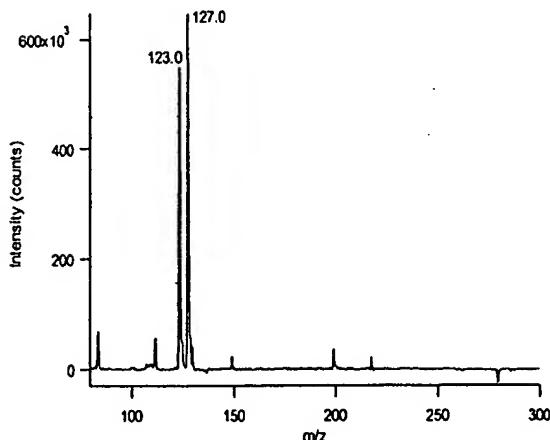


Figure 8

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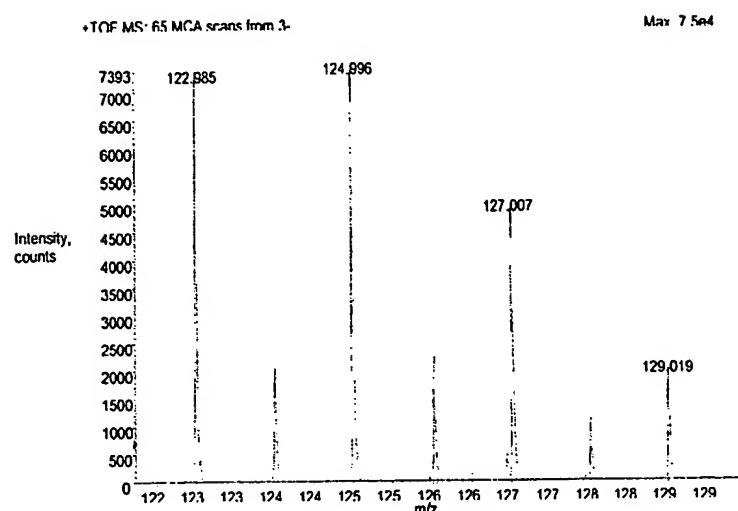


Figure 9

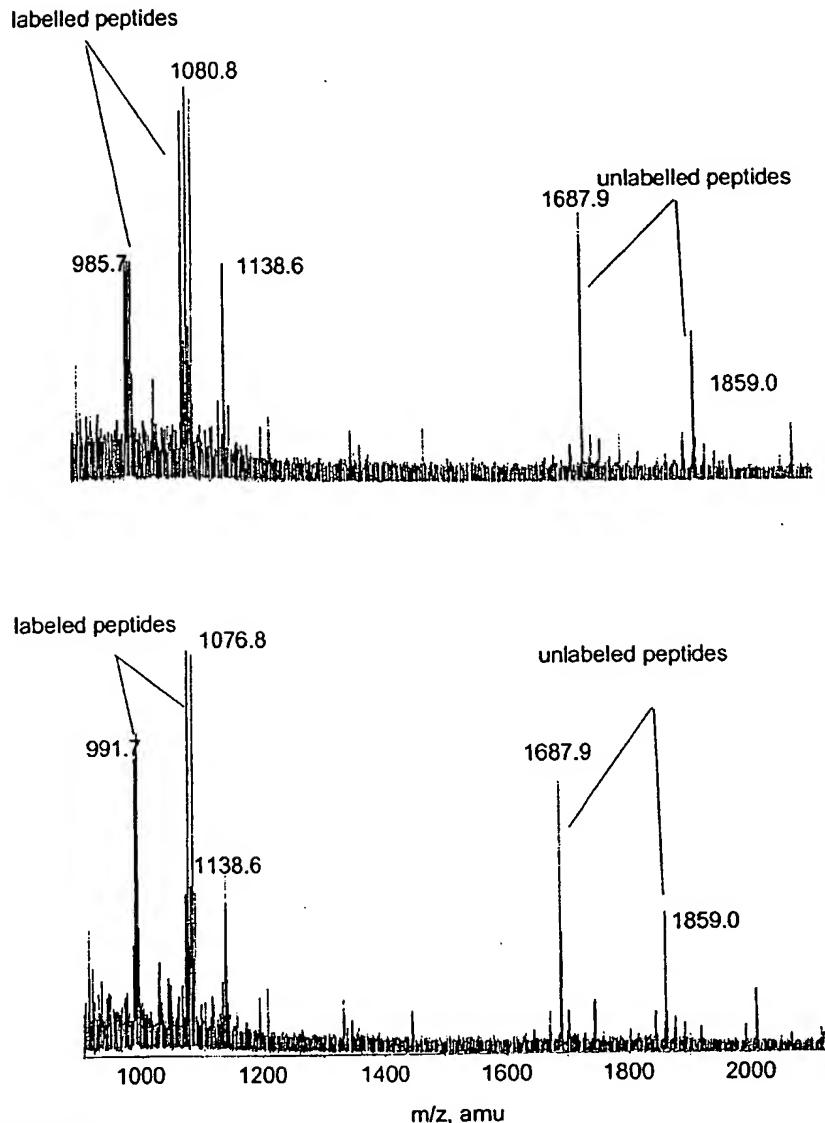


Figure 10

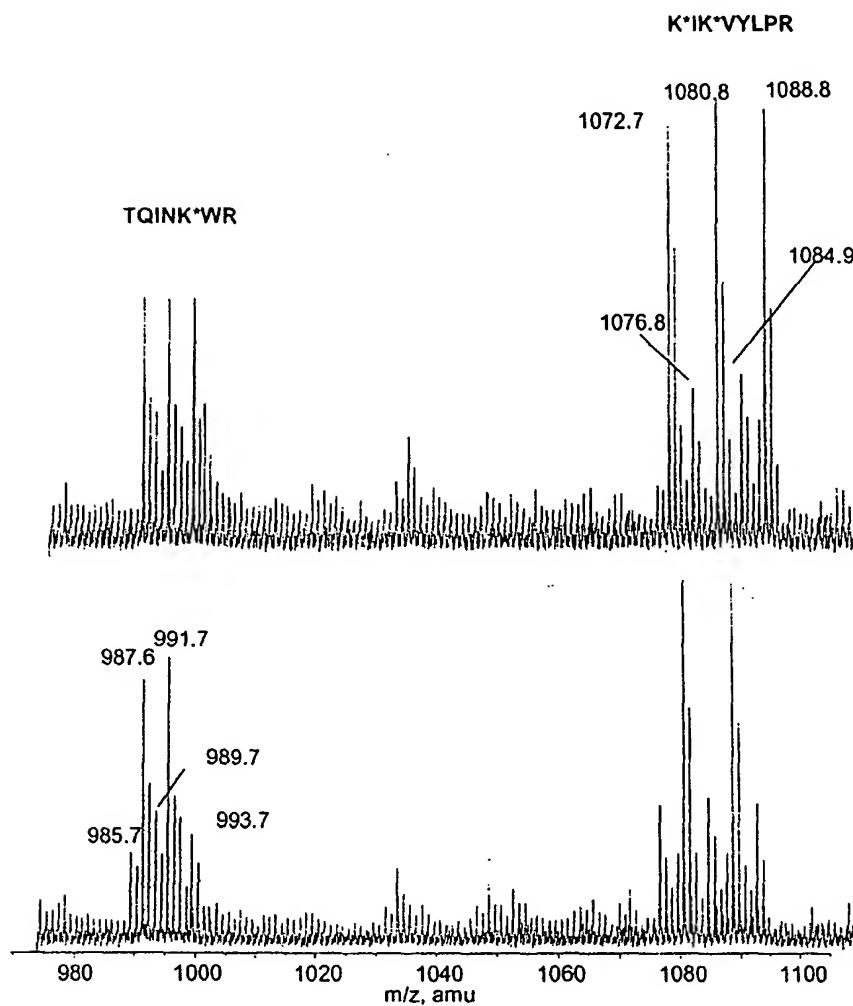


Figure 11

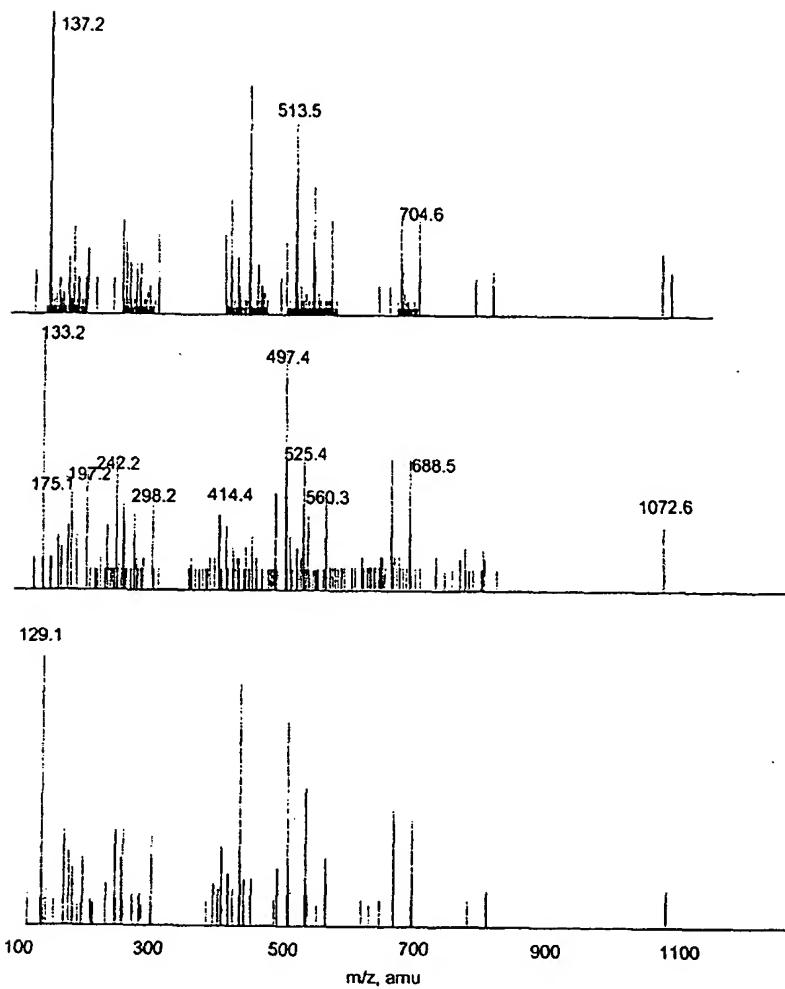


Figure 12

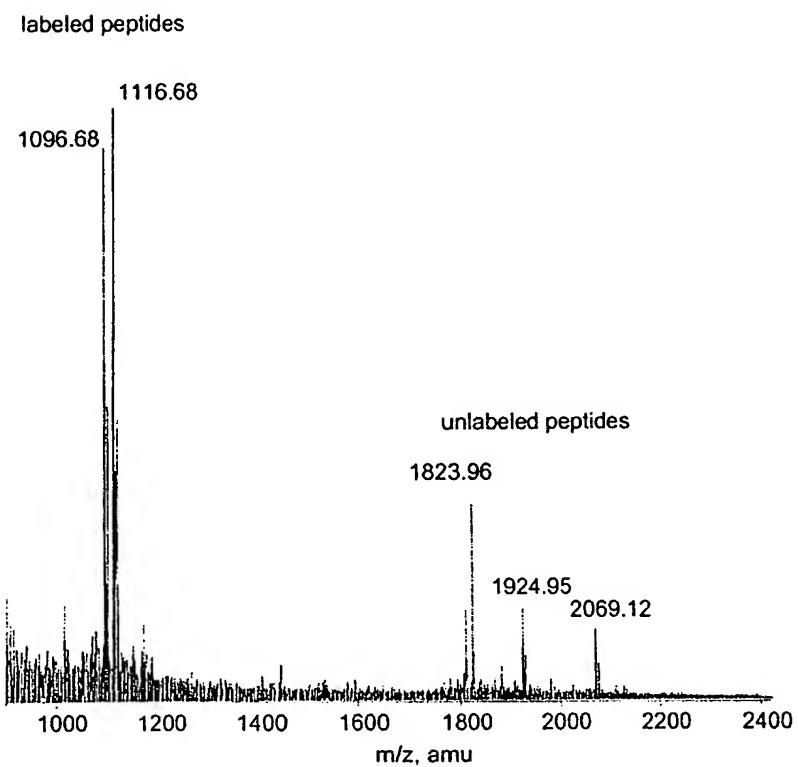


Figure 13

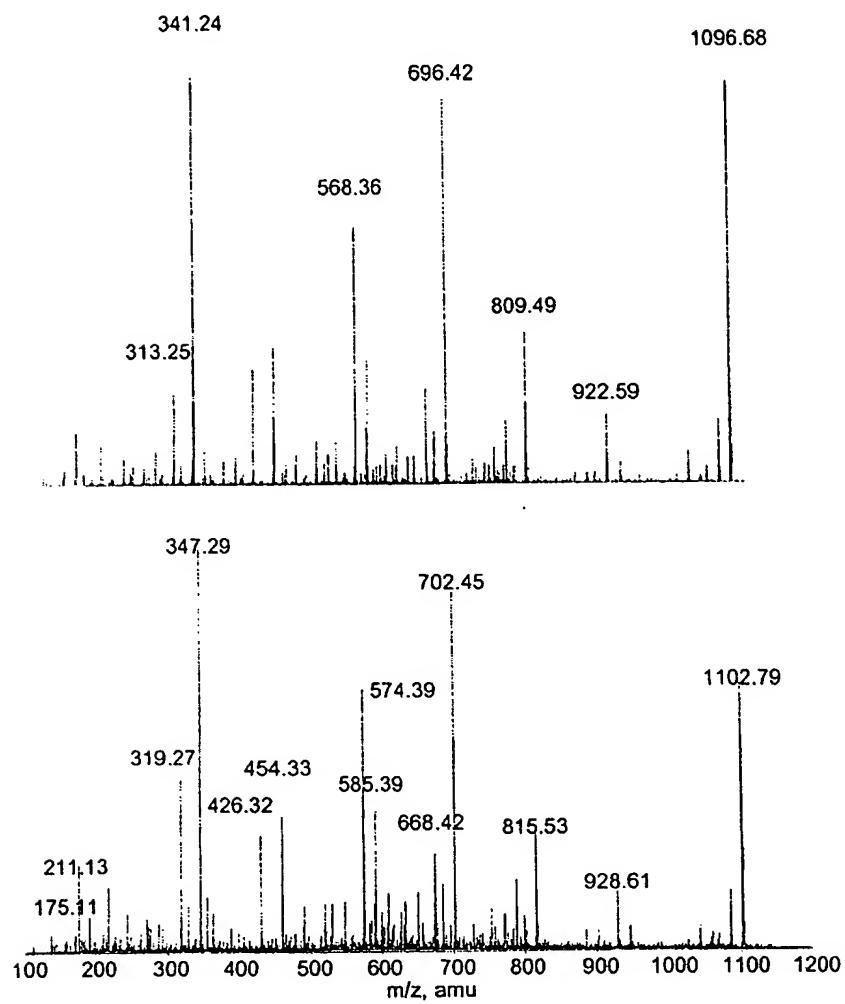


Figure 14